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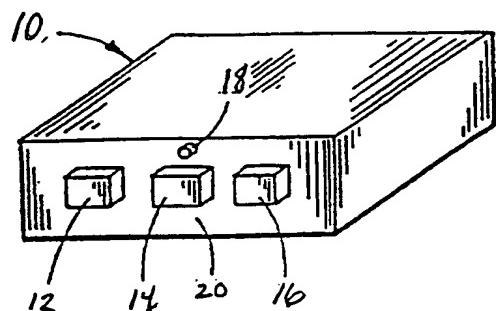


FIG. 2

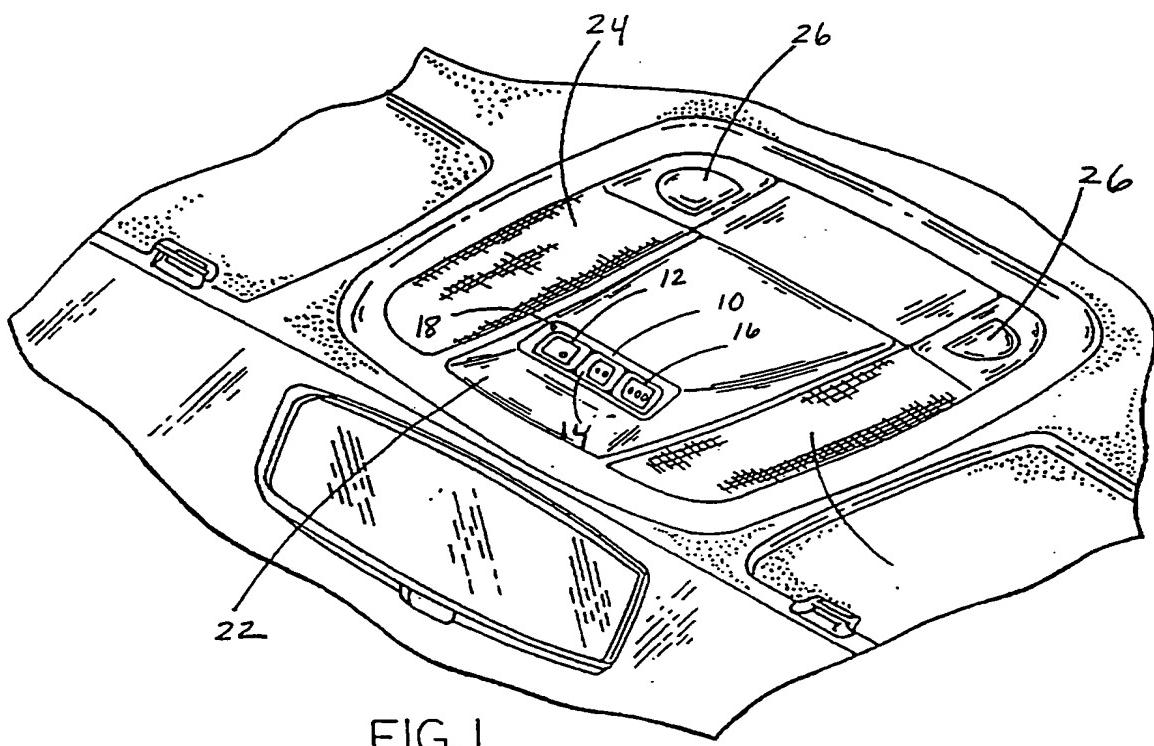


FIG. 1

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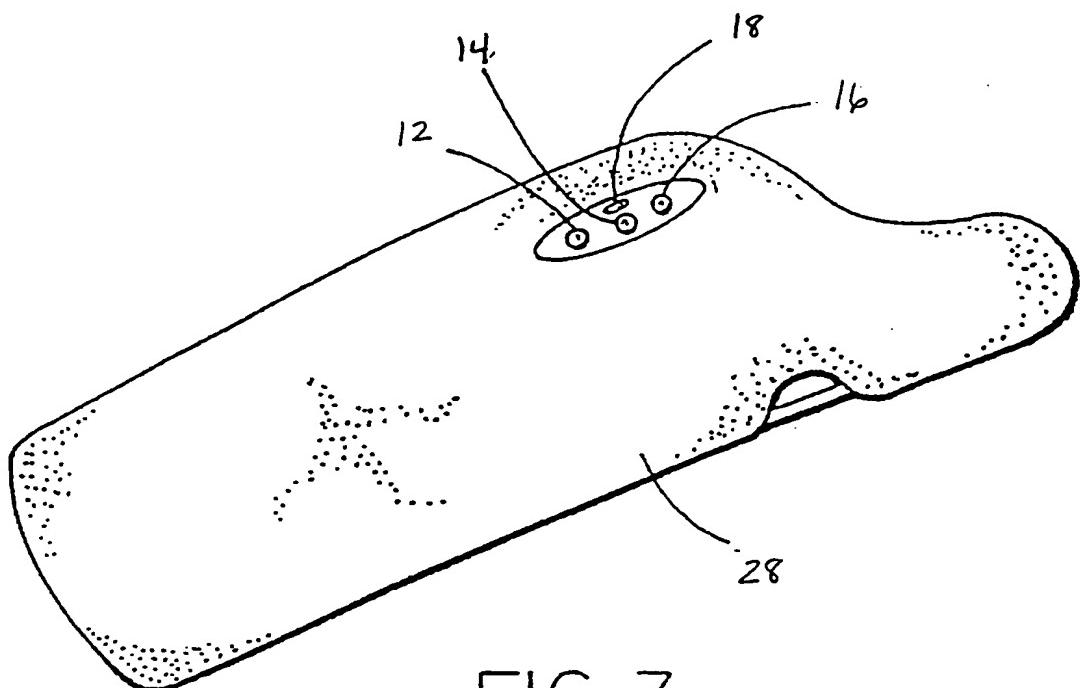


FIG. 3

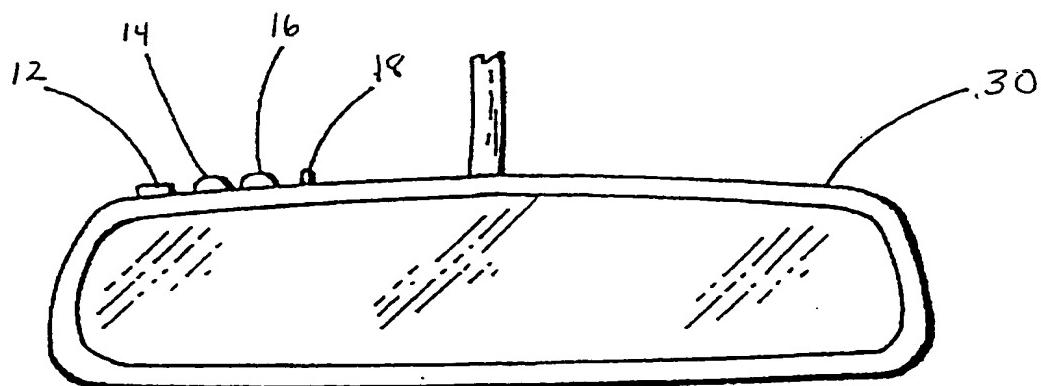


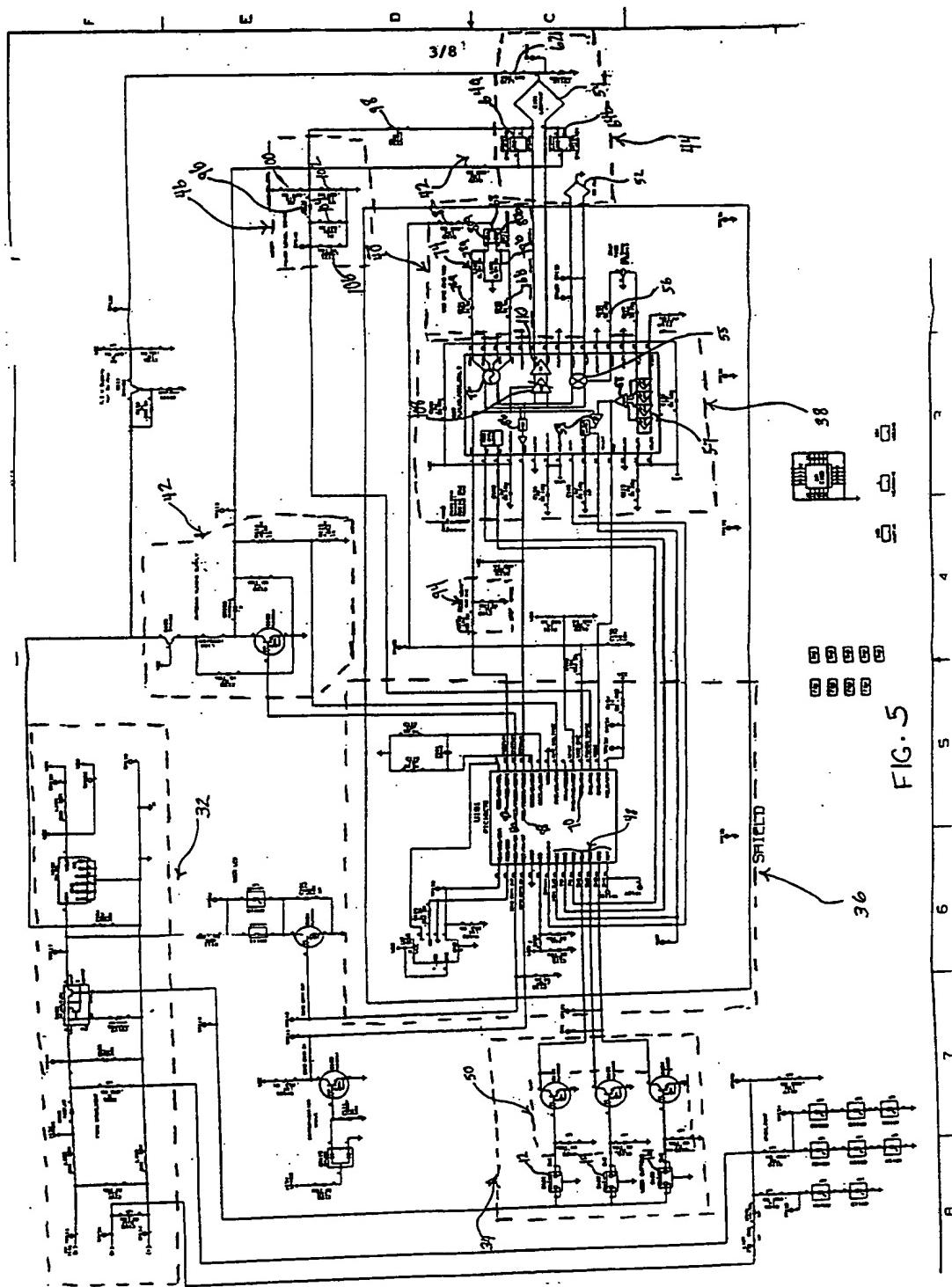
FIG. 4

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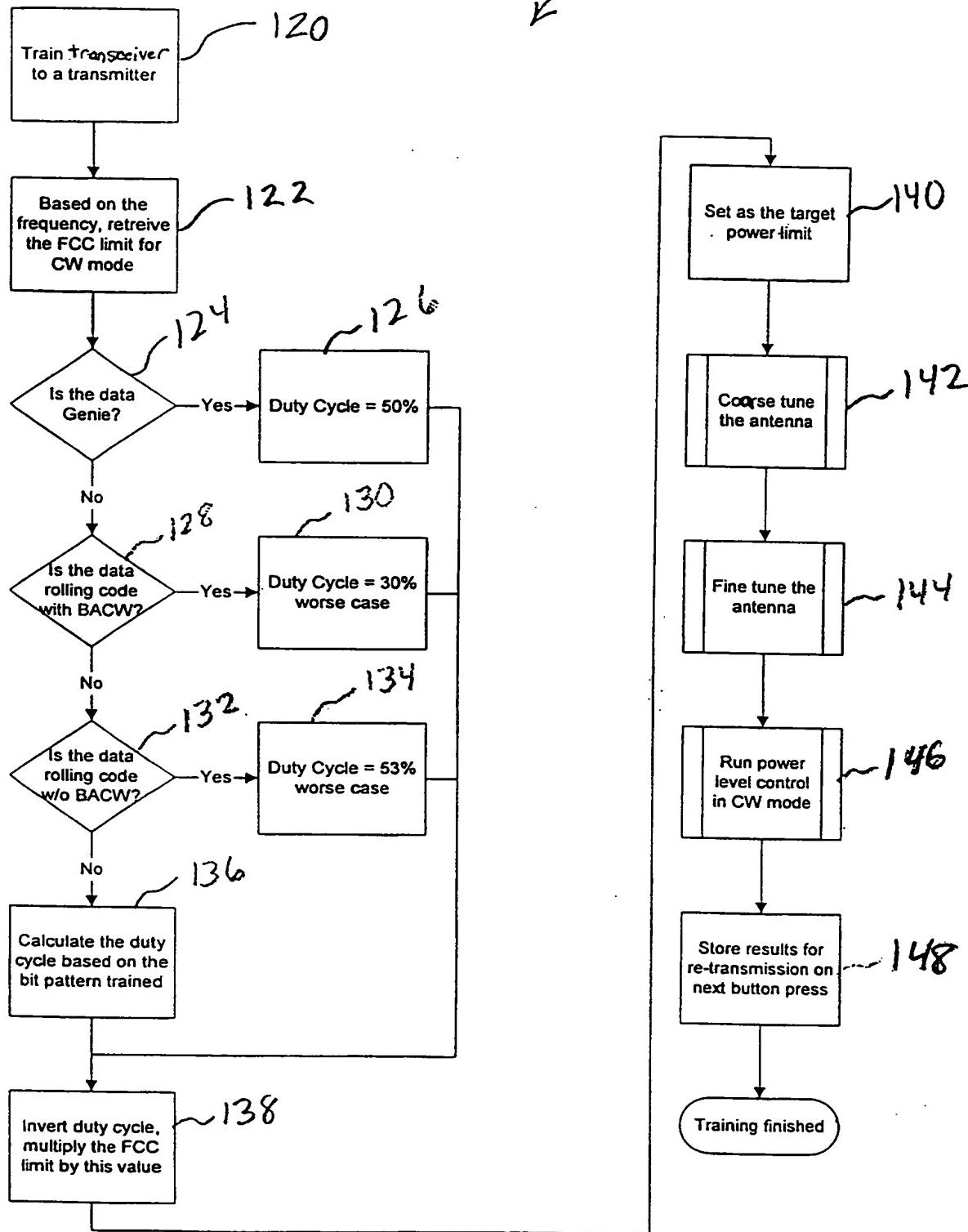


FIG. 6

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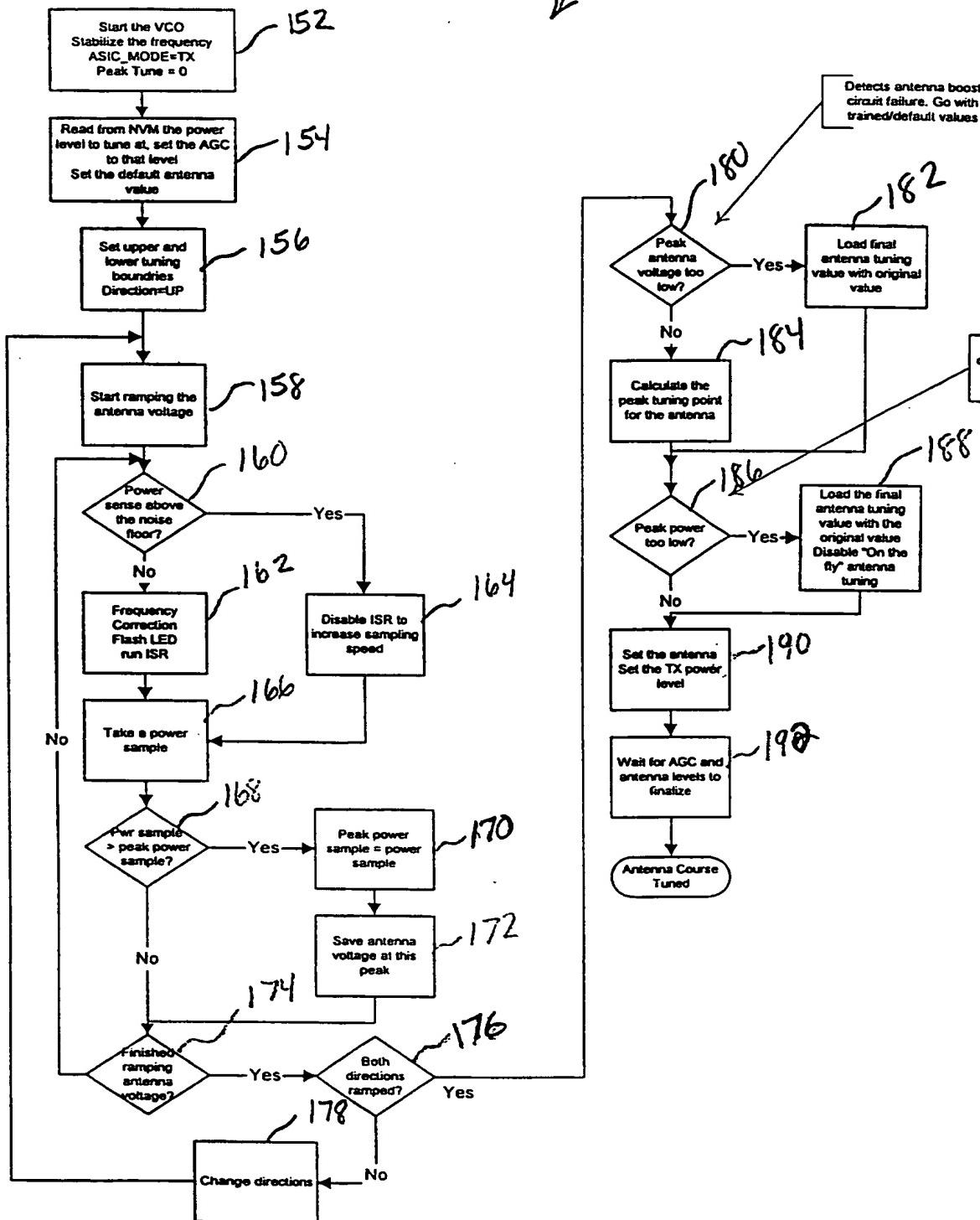


FIG. 7

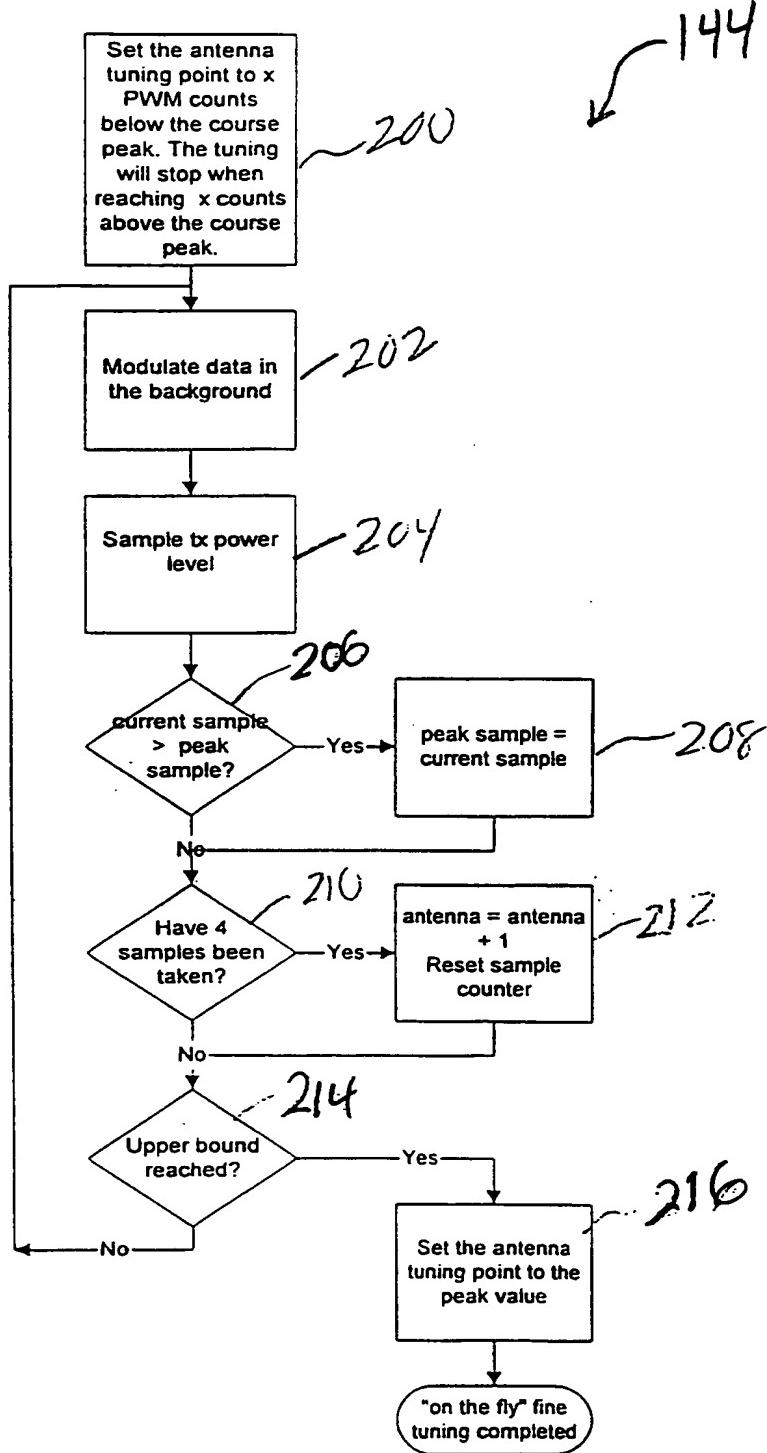
"On the fly" Fine Antenna Tuning

FIG. 8

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Transmit Power Level Control

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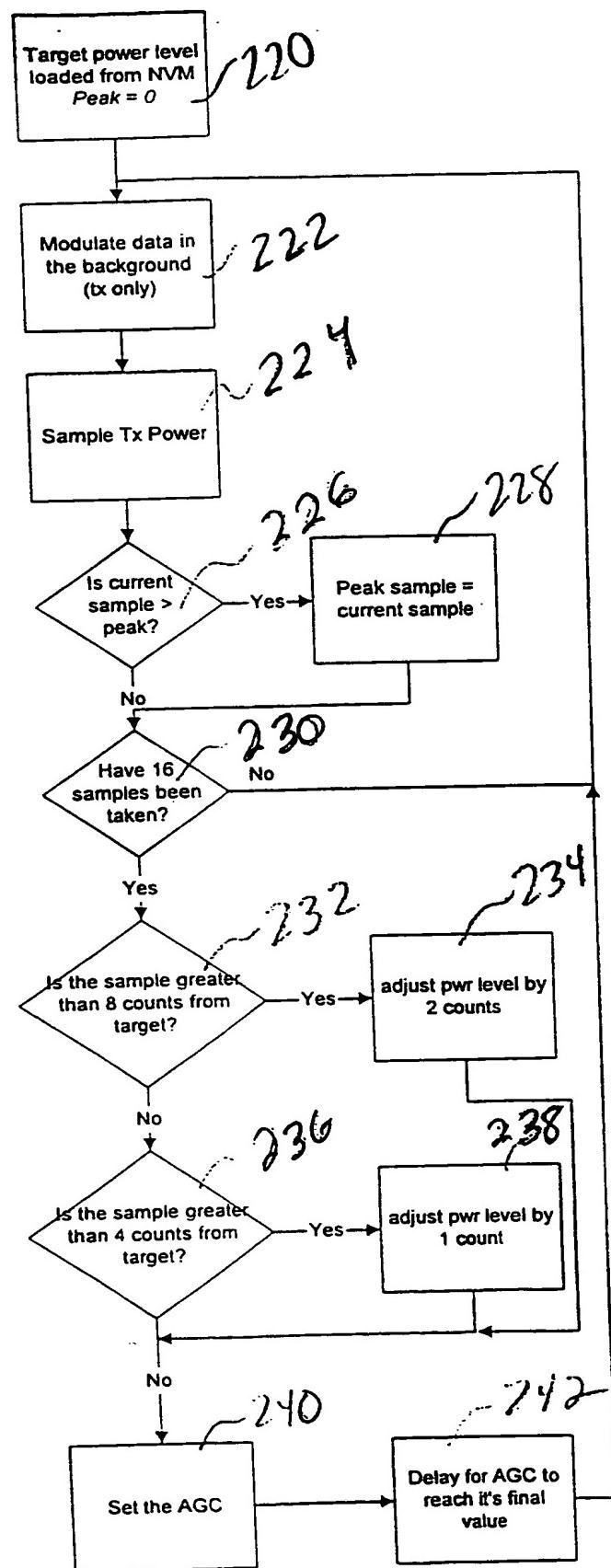


FIG. 9

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Antenna tuning at train time

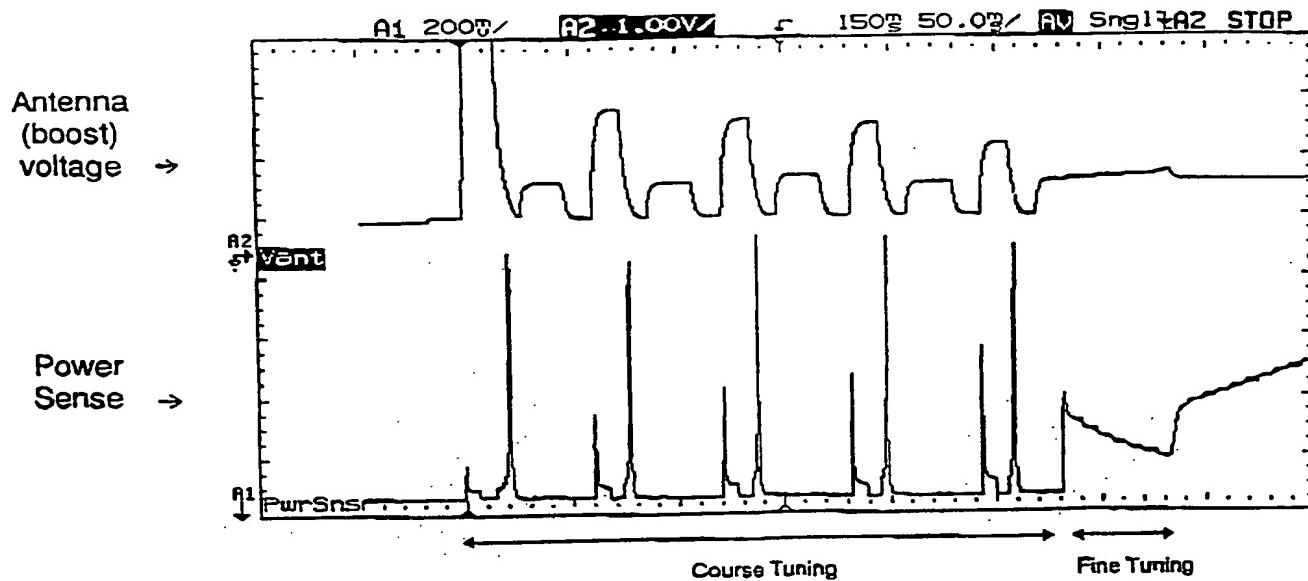


FIG. 10

Transmit sweep and "on the fly" fine tuning

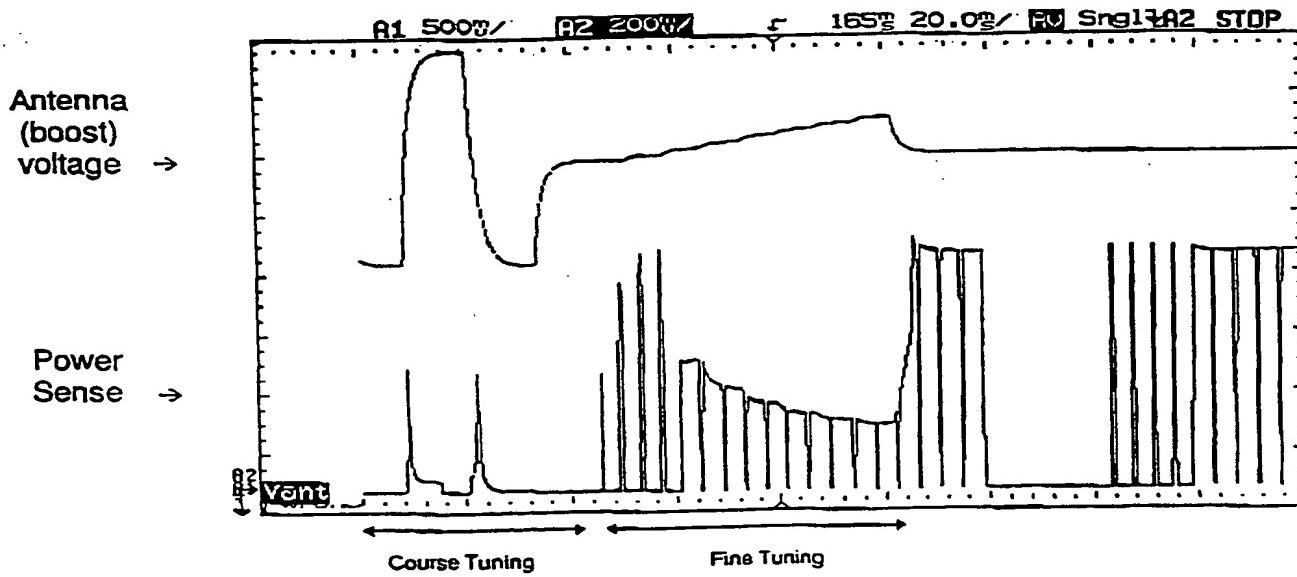


FIG. 11